

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	US "20050057218"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/06 17:10
S2	1080	320/107	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/06 17:11
S3	50	S2 and charger and cigarette	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/06 17:11
S4	27	("4160941"   "4514790"   "4922178"   "5160879"   "5414610"   "5499187"   "5510691"   "5610497").PN. OR ("5847545"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/06 17:42
S5	6	("5121047"   "5254927"   "5552692"   "5592064").PN. OR ("5825158").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/07 16:09
S6	602	320/115	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/07 16:09
S7	31	S6 and charger and cigarette	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 16:29
S8	318	320/111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 16:29
S9	24	S8 and charger and cigarette	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 16:53
S10	893	320/112	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 16:53

## EAST Search History

S11	34	S10 and charger and cigarette	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 16:59
S12	565	320/113	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 16:59
S13	17	S12 and charger and cigarette	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 17:00
S14	858	320/114	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 17:01
S15	31	S14 and charger and cigarette	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 17:09
S16	441896	"320"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 17:13
S17	274	S16 and charger and cigarette	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 17:09
S18	1080	320/107	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 17:10
S19	50	S18 and charger and cigarette	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 17:10
S25	12407	"320"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 17:15

## EAST Search History

S26	12379	S25 NOT (S7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 17:16
S27	12367	S26 NOT (S9)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 17:16
S28	12355	S27 NOT (S11)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 17:16
S29	12354	S28 NOT (S13)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 17:17
S30	12348	S29 NOT (S15)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 17:17
S31	12338	S30 NOT (S19)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 17:17
S32	142	S31 and charger and cigarette	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 17:47
S35	34	("2000571"   "3349310"   "3371302"   "3696283"   "3728608"   "3970913"   "3974441").PN. OR ("4109193").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/07 18:28
S36	22	("4109193"   "4829224"   "4903325"   "5162719"   "5189358"   "5510691"   "5642402").PN. OR ("5736830").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/07 18:42
S37	0	cigarette (adapter or connector or plug or lighter) battery charger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/04/07 18:44

## EAST Search History

S38	136	cigarette (adapter or connector or plug or lighter) battery charger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/04/07 18:44
S39	0	cigarette charger (ac\$1dc adj converter) rectifier oscillator transformer diode (dc\$1dc adj converter) ((integrated adj circuit) or IC or chip)) (S13 or eight adj pin) filter capacitor triode ((LED or (light adj emitting adj diode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 19:22
S40	1	cigarette charger (ac\$1dc adj converter) rectifier oscillator transformer diode (dc\$1dc adj converter) ((integrated adj circuit) or IC or chip)) filter capacitor triode ((LED or (light adj emitting adj diode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 19:22
S41	1	cigarette charger (ac\$1dc adj converter) rectifier oscillator transformer diode (dc\$1dc adj converter) ((integrated adj circuit) or IC or chip) filter capacitor triode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 19:23
S42	1	cigarette charger (ac\$1dc adj converter) rectifier oscillator transformer diode (dc\$1dc adj converter) filter capacitor triode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 19:23
S43	1	cigarette charger (ac\$1dc adj converter) rectifier oscillator transformer diode (dc\$1dc adj converter) filter capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 19:23
S44	1	cigarette charger (ac\$1dc adj converter) rectifier transformer diode (dc\$1dc adj converter) filter capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 19:24
S45	27	charger (ac\$1dc adj converter) rectifier transformer diode (dc\$1dc adj converter) filter capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 19:26
S46	2	charger (ac\$1dc adj converter) rectifier transformer diode (dc\$1dc adj converter) filter capacitor triode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/07 19:24

## EAST Search History

S47	5	charger (ac\$1dc adj converter) rectifier transformer diode (dc\$1dc adj converter) filter capacitor (LED or light adj emitting adj diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/10 11:17
S48	1250	"4638"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/10 11:17
S49	24	(US-20050057218-\$ or US-20040036442-\$ or US-20050212480-\$ or US-20040061943-\$ or US-20050104557-\$ or US-20030001543-\$ or US-20020154527-\$).did. or (US-6064177-\$ or US-5847545-\$ or US-6597150-\$ or US-5844472-\$ or US-6923686-\$ or US-6456046-\$ or US-4638236-\$ or US-5918187-\$ or US-5642028-\$ or US-5414610-\$ or US-5510691-\$ or US-5160879-\$ or US-D433379-\$ or US-5736830-\$ or US-4109193-\$ or US-5254927-\$). did. or (US-2000571-\$).did.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 10:23
S50	0	2002/0154527	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 10:24
S52	24	(US-20050057218-\$ or US-20040036442-\$ or US-20050212480-\$ or US-20040061943-\$ or US-20050104557-\$ or US-20030001543-\$ or US-20020154527-\$).did. or (US-6064177-\$ or US-5847545-\$ or US-6597150-\$ or US-5844472-\$ or US-6923686-\$ or US-6456046-\$ or US-4638236-\$ or US-5918187-\$ or US-5642028-\$ or US-5414610-\$ or US-5510691-\$ or US-5160879-\$ or US-D433379-\$ or US-5736830-\$ or US-4109193-\$ or US-5254927-\$). did. or (US-2000571-\$).did.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 11:01
S53	4	S52 and (display or indicator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 11:17

## EAST Search History

S54	1	S52 and (triode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 11:17
S56	12432	"320"/.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 11:18
S57	11	S56 and triode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 11:19
S58	11	S56 and triode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 11:18
S59	24	(US-20050057218-\$ or US-20040036442-\$ or US-20050212480-\$ or US-20040061943-\$ or US-20050104557-\$ or US-20030001543-\$ or US-20020154527-\$).did. or (US-6064177-\$ or US-5847545-\$ or US-6597150-\$ or US-5844472-\$ or US-6923686-\$ or US-6456046-\$ or US-4638236-\$ or US-5918187-\$ or US-5642028-\$ or US-5414610-\$ or US-5510691-\$ or US-5160879-\$ or US-D433379-\$ or US-5736830-\$ or US-4109193-\$ or US-5254927-\$). did. or (US-2000571-\$).did.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 18:50
S60	2	"6014010".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/01 11:56
S61	0	"10817935"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/01 11:57

## EAST Search History

S62	2	US "20050225285"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/01 11:57
S63	12940	"320"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 16:40
S64	323	S63 and (cigarette and charg\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/11 16:40
S65	173	S64 and (ac and dc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/11 16:40
S66	204	S64 and ((ac or alternating) and (dc or direct))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/11 16:41
S67	203	S66 and (battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/11 19:29
S68	12940	"320"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 19:29
S69	323	S68 and (cigarette and charg\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/11 19:29
S70	204	S69 and ((ac or alternating) and (dc or direct))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/11 19:29

## EAST Search History

S71	203	S70 and (battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/11 19:29
S72	68	S71 and cover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/11 19:29
S73	7	S68 and (cigarette with (cover or cap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/11 19:31
S74	4169	(cigarette with (cover or cap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/11 19:31
S75	682	cigarette with (attached or connected or integral or built-in or non-removable) with (cover or cap)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/11 19:32
S76	6	(cigarette near (adapter or plug or power or dc)) with (attached or connected or integral or built-in or non-removable) with (cover or cap)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/11 19:33
S77	47	(cigarette with (adapter or plug or power or dc)) with (attached or connected or integral or built-in or non-removable) with (cover or cap)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/11 19:33



## EAST Search History

S78	24	(US-20050104557-\$ or US-20050057218-\$ or US-20040036442-\$ or US-20020154527-\$ or US-20030001543-\$ or US-20040061943-\$ or US-20050212480-\$).did. or (US-5736830-\$ or US-6597150-\$ or US-6923686-\$ or US-5254927-\$ or US-6456046-\$ or US-5918187-\$ or US-D433379-\$ or US-5510691-\$ or US-5414610-\$ or US-4109193-\$ or US-5847545-\$ or US-5844472-\$ or US-6064177-\$ or US-5160879-\$ or US-4638236-\$ or US-5642028-\$). did. or (US-2000571-\$).did.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/12 13:44
-----	----	---	------------------------------	-----	----	------------------